

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. *(currently amended)* A therapy catheter ~~for use with a pulse generator of the type delivering pulses to locate a catheter within a patient's heart, said catheter~~ comprising:

- (a) a lead body having a distal end and a proximal end;
- (b) a locator electrode proximate said distal end[[],];
- (c) means coupled to the electrode for delivering and/or receiving a current pulse, said current pulse for coupling an electric field to a separate electric potential external to the heart;

- (d) means for providing an indication of the location of the catheter based on said current pulse and for creating an image of the location of the electrode within the heart; and

- ~~(d)~~(e) a plurality of therapy electrodes located near said distal end and adapted to deliver radio frequency energy to cardiac tissue located proximate said therapy electrodes.

2. *(currently amended)* A therapy catheter ~~for use with a pulse generator of the type delivering pulses to locate a catheter within a patient's heart, said catheter~~ comprising:

- (a) a lead body having a distal end and a proximal end;
- (b) a locator electrode proximate said distal end;

(c) means coupled to the electrode for delivering and/or receiving a current pulse, said current pulse for coupling an electric field to a separate electric potential external to the heart;

(d) means for providing an indication of the location of the catheter based on said current pulse and for creating an image of the location of the electrode within the heart; and

(d)(e) a drug delivery lumen located proximate said distal end.

3. *(currently amended)* A therapy catheter ~~for use with a pulse generator of the type delivering pulses to locate a catheter within a patient's heart, said catheter~~ comprising:

(a) a lead body having a distal end and a proximal end;

(b) a locator electrode proximate said distal end;

(c) means coupled to the electrode for delivering and/or receiving a current pulse, said current pulse for coupling an electric field to a separate electric potential external to the heart;

(d) means for providing an indication of the location of the catheter based on said current pulse and for creating an image of the location of the electrode within the heart; and

(d)(e) a fiber optic cable coupled to said distal end for directing laser energy to an ablation site.

4. *(currently amended)* A therapy catheter ~~for use with a pulse generator of the type delivering pulses to locate a catheter within a patient's heart, said catheter~~ comprising:

- (a) a lead body having a distal end and a proximal end;
- (b) a locator electrode proximate said distal end;
- (c) means coupled to the electrode for delivering and/or receiving a current pulse, said current pulse for coupling an electric field to a separate electric potential external to the heart;
- (d) means for providing an indication of the location of the catheter based on said current pulse and for creating an image of the location of the electrode within the heart; and
- ~~(d)~~(e) a microwave wave guide coupled to said distal end for directing microwave energy to an ablation site.

5. *(currently amended)* A therapy catheter ~~for use with a pulse generator of the type delivering pulses to locate a catheter within a patient's heart, said catheter~~ comprising:

- (a) a lead body having a distal end and a proximal end;
- (b) a locator electrode proximate said distal end;
- (c) means coupled to the electrode for delivering and/or receiving a current pulse, said current pulse for coupling an electric field to a separate electric potential external to the heart;

(d) means for providing an indication of the location of the catheter based on
said current pulse and for creating an image of the location of the electrode within the
heart; and

~~(d)~~(e) an angioplasty balloon coupled to said distal end of said lead body for
opening a stenotic lesion in a coronary vessel.